Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 01 Aug 2021 until 23:59 on Monday 02 Aug 2021

Forecast Issued on Sunday 01 Aug 2021 at 03:38

Confidence: High for the changeable and rather showery theme. Lower for exact detail or shower distribution.

Headline for Sunday 01 Aug 2021: An overcast, damp start. Turning brighter with widespread dry conditions.

Mountain weather hazards on Sunday 01 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Clear night
Precipitation probability					
30%	20%	10%	20%	10%	<05%

Forecast for Sunday 01 Aug 2021

Weather: Largely cloudy start with persistent cloud on hilltops and outbreaks of mainly light rain or drizzle. Becoming drier on Sunday morning with cloud bases lifting though remaining mostly cloudy until late morning. Bright or sunny spells developing into the afternoon, though the slight chance of the odd light shower until late afternoon. Dry by the evening, with mostly clear skies.

Chance of cloud free mountain/hill tops above 600m: 20% becoming 70% by dawn, then greater than 95% from late morning onwards.

Visibility: Extensive cloud to around 300-400m at first. Cloud bases generally lifting to above 500-600m by mid-morning and then above hilltops from late morning. A slight chance of short-lived patches of low cloud possible above 600m in association with afternoon showers. Generally good visibilities outside of any cloud, with nearby hills perhaps appearing hazy in showers.

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Forecast for Sunday 01 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 NE	10/14 NE	8/12 NE	7/11 NE	8/12 NE	6/11 E	4/6 E
300	6/12 NE	8/14 NE	5/10 NE	5/10 NE	6/11 NE	4/11 E	3/6 E
Valley	6/12 E	9/15 NE	5/11 NE	5/10 NE	5/10 NE	5/10 E	4/9 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/7	11/9	12/11	11/10	9/8	8/7
300	11/10	12/11	14/14	15/14	14/13	10/10	9/8
Valley	13/12	14/13	16/15	17/16	16/15	12/11	11/10
Freezing Level*	2200m	2100m	2000m	2100m	2000m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 01 Aug 2021	0mm	5mm	27.4mm

Forecast for Monday 02 Aug 2021

Weather: Dry conditions and partly cloudy skies overnight. Then remaining fine with sunny spells during the morning, followed by a mostly fine, dry afternoon and evening and just a small chance of a passing light rain shower.

Maximum wind: Northeasterly 10 mph, gusting 15 mph.

Chance of cloud free mountain/hill tops above 600m: Greater than 95%.

Visibility: Very good with distant hills clearly visible for much if not all the day. Perhaps briefly hazy during any afternoon showers that may develop.

Temperature: **Valleys:** Plus 14 Celsius becoming Plus 18 Celsius
At 600m: Plus 8 Celsius becoming Plus 12 Celsius
Freezing level: Above summits

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